

# **SHARP**®

**ELECTRONIC CASH REGISTER** 

ER-A490

INSTRUCTION MANUAL

# CONTENTS

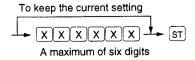
EASY	PROGRAMMING BASICS	2
1	Available Modes	4
2	Available Keys ·····	4
PROG	RAMMING	5
1	Prior to Programming	5
2	Basic Instruction ·····	
	Notes for Programming	
	Patterns for Programming	
3	Flowcharts For Programming Each Item	14
	Department	15
	PLU	
	CA2, CH through CH4, CR1 through CR8 keys	23
	DIFFER, NS, GCC, COPY, CD, RF, GLU, NBAL, BT, BS, RCPT, PAID keys	26
	%1 through %4 keys	27
	⊚₁ through ⊚₄ keys ······	29
	Ext] through Exs keys	
	RA, RA2, PO, PO2, CASH, COMP keys	33
	Cashiers	34
	VAT key ····	
	Time or date	37

Worksheets for programming

### ● Conventions ●

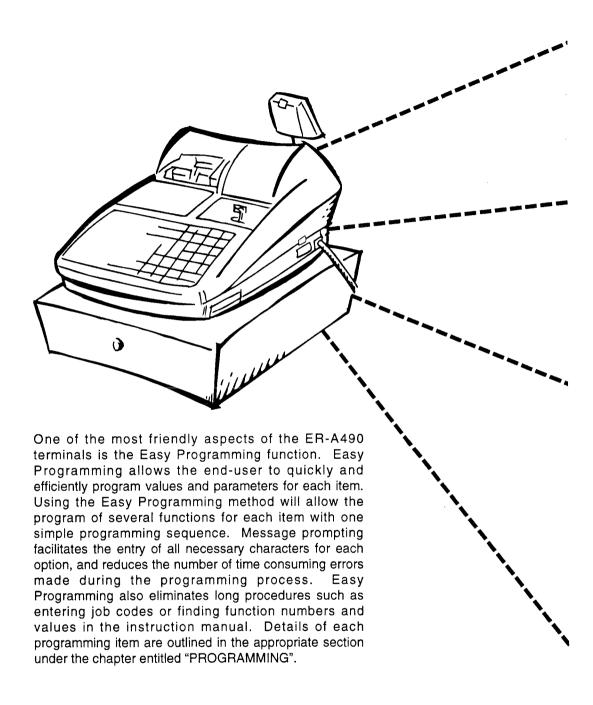
- The marks such as oo, and cl show keys on the keyboard.
  We use these marks as keys. For example, "press oo" means "press the oo key".
- We use the key mark x as a numeric key.

  For example, if we show the following sequence, you can enter numerals up to six digits using numeric keys



• We use the key mark [A] as a character key.

# **EASY PROGRAMMING BASICS**







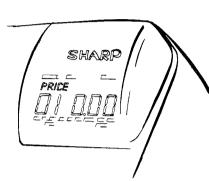
# Starting Programming with a Single Key-Stroke

In the Easy Programming, you can start programming with a single key-stroke.

Press a key for which you want to program values or parameters.

You need not enter a job number to start programming.

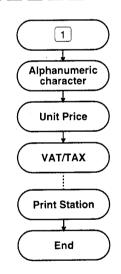




# Messages Informing You of the Contents of the Next Operation

When the Easy Programming starts, a message will be displayed on the dot-matrix display. The message informs you of the functions that can be performed at this step. Following the message, you can program a value or a parameter for each item.





# Some Options Are Programmable in One Programming Sequence

You can program options for a key in one programming sequence. For example, alphanumeric characters, unit price, functions and so on can be programmed for a department key in one sequence. This function reduces programming time.







# Simple Programming with Optional Programming Remote Keyboard

The optional programming remote keyboard allows you to program various items by remote control.

# 1 Available Modes

You can do "Easy Programming" in the following modes:

### PGM<sub>1</sub>



The PGM1 mode is used for programming those items that need to be changed often: unit prices, percentages, alphanumeric characters and so on.

Use the manager key (MA) or the submanager key (SM) to set the mode switch to the PGM1 position.

### PGM<sub>2</sub>



The PGM2 mode is used for programming all items available for the PGM1 mode and those items that require less frequent changes: functions of each key and of each cashier code, time, date and so on.

Use the manager key (MA) to set the mode switch to the PGM2 position.

# 2 Available Keys

This section describes the keys used in "Easy Programming".

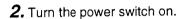
Keys:	Names:	Used to:
0 - 9	Numeric keys	enter numerals.
00	Double zero key	• go into the character entry mode.
		• switch between values of a parameter. For example, when the parameter has the values "0", "1" and "2", this key shifts the value like this: $\cdots \rightarrow 0 \rightarrow 1 \rightarrow 2 \rightarrow 0 \rightarrow 1 \rightarrow \cdots$
		• set a character in its new position when you enter the character with a character code.
CL	Clear key	cancel programming. To cancel all the values or parameters you have set during the programming sequence, press this key twice in any step.
•	Decimal point key	enter decimal point.
		move the cursor under a parameter to the right.
$\otimes$	Multiplication key	move the cursor under a parameter to the left.
ST	Subtotal key	complete each setting you have entered for the option.
TL	Cash/amount tendered key	finalize the programming.

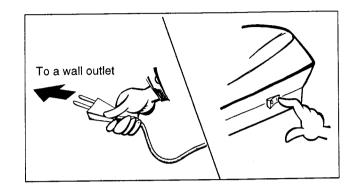
# **PROGRAMMING**

# 1 Prior to Programming

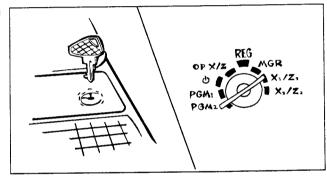
Before programming, the following things must be done:

1. Plug your machine into a standard wall outlet.

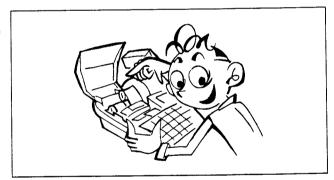




3. Put the manager or submanager key in the mode switch and turn it to the PGM1 or PGM2 position depending upon the programming you are about to do.



4. Check to see whether both journal and receipt rolls are present in the machine. If they are missing, install them correctly following the procedure shown in "5. Installing and removing the paper roll" under the "OPERATOR MAINTENANCE" in the ER-A490 instruction manual.



**5.** Start programming referring to the instructions explained in the next section.

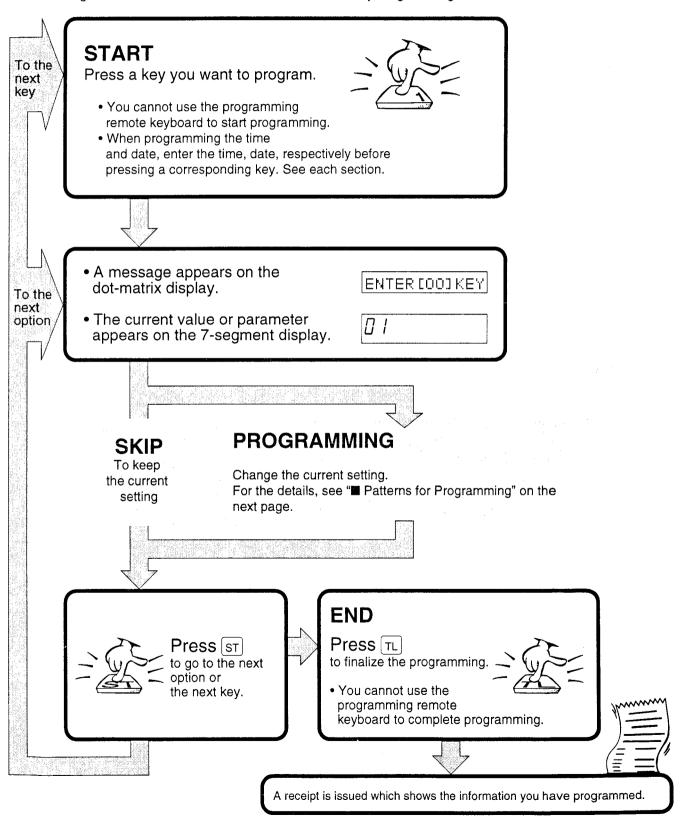


**Note:** With the Easy Programming, only those items shown in section "3. Flowcharts for Programming Each Item" are programmable. Some items other than these items are programmable with the normal programming. See the ER-A490 instruction manual.

# 2 Basic Instruction

This section shows the basic instruction of the Easy Programming. In the Easy Programming, you can program values and parameters for each item following the message displayed on the dot-matrix display. The dot-matrix display will prompt you to enter a necessary value or a parameter for each option along with the current setting. For the details of each programming item, see each corresponding section.

The following flow chart shows the basic instruction of the Easy Programming:



# 

• To complete each step, press the ST key.

• If you keep the current setting in each step, press the step key without pressing any keys.

• To clear the values or characters you just entered, press the CL key.

• To quit programming, press the cL key twice in any step.

• To finalize programming, press the \tau key.
You can finalize programming even if you do not get to the last step of the programming using the \tau key.

### ■ Patterns for Programming -

There are following three patterns to change the current setting:

### • Entering alphanumeric characters

→ See section A (page 8)

You can change the current alphanumeric characters to new characters.

To enter alphanumeric characters, you must first go into the character entry mode by pressing the oo key. Use character keys or character codes to enter alphanumeric characters.

# • Entering numerals for prices, percentages and so on ⇒ See section ■ (page 10)

You can change the current numeral data for such as prices, percentages, amounts, groups and HALO (High Amount Lock Out).

Enter desired numbers using numeric keys.

### Changing parameters

⇒ See section (page 11)

You can change a value specified for a parameter to determine how you use the machine. For example, specifying a value for a parameter selects whether compulsory or non-compulsory item validation printing. Use a corresponding numeric key or the oo key to change a value.

For more information about changing current settings, see a corresponding section from **A**, **B** and **C** sections shown on the following pages.

There is an example sequence in each section.

Program an item referring to the example.

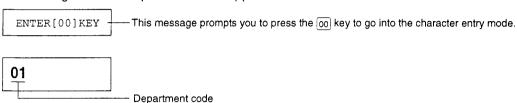
### A Entering Alphanumeric Characters

This section describes how to enter alphanumeric characters, using the following example:

Example Programming "SOUP" to the department 1

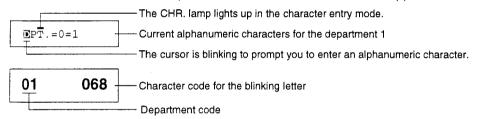
### 1. Press (department 1 key).

The message and the department code appear as follows:



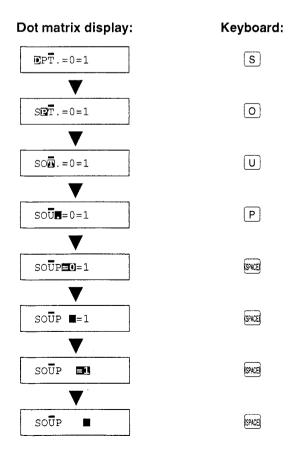
### 2. Press oo to go into the character entry mode.

The current characters, the department code and a character code appear as follows:



In the character entry mode, you can use character keys on the programming keyboard sheet.

### 3. Enter characters "SOUP".



### 4. Press ST to complete programming alphanumeric characters.

### 5. Select one of the following actions:

- Continue programming of another item for the department 1 key, following the message on the display.
- Press TL to finalize the department programming.
- Press another department key to program the corresponding department.

There are following two ways to enter a	an alphanumeric character:
---	----------------------------

Using a character key:

Example Press  $A \rightarrow \text{to enter "A"}$ 

• Using a character code:

Example Press 0 6 5 00 → to enter "A"

Character code

Note: • You cannot use the programming remote keyboard to enter a character code.

Refer to the alphanumeric character code table shown on the ER-A490 manual.

### ■ To delete a character

(DEL): Deletes a character at the cursor position.

Backs up the cursor, deleting the character at the left of the cursor.

### ■ To move the cursor

 $(\leftarrow)$  or  $(\rightarrow)$ : Moves the cursor.

### ■ To enter various types of characters

• Double-size characters ((DC))

By default, a character is entered in single size. To enter a character in double size, press the before entering characters to enter into the double-size character mode. To return to the single-size character mode, press the key again.

Lower-case characters or characters shown at the upper right of keys (MIT)

By default, a letter of alphabets is entered in upper case. To enter a letter in lower case or characters shown at the upper right of keys, press the key before entering characters to enter into the lower-case letter mode. To return to the upper-case letter mode, press the key again.

· Special characters

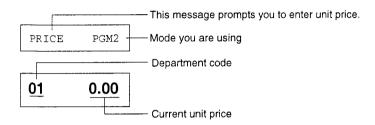
"(^)", "(^)", "(^)", "(°)", "(°)", "(°)", "(°)", and "(^)" keys are used only for combination with a character key. Press a corresponding key before entering characters. If the combination is unavailable, only a character key is entered.

# **B** Entering numerals for prices, percentages and so on

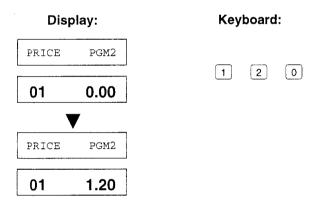
This section describes how to enter numerals using the following example:

Example Programming "120" as unit price for the department 1

- 1. Press (department 1 key).
- 2. Press ST to skip the alphanumeric character programming.
- 3. The message, the department code and the current unit price appear as follows:



4. Enter the unit price "120" using numeric keys.



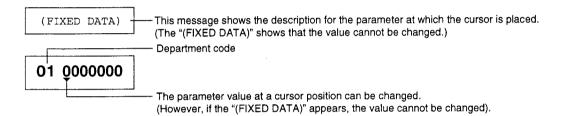
- **5.** Press st to complete programming unit price.
- 6. Select one of the following actions:
  - Continue programming of another item for the department 1 key, following the message on the display.
  - Press TL to finalize the department programming.
  - Press another department key to program the corresponding department.

### **C** Changing Parameters

This section describes how to change parameters for each option, using the following example:

Example Programming "taxable 5" for the department 1

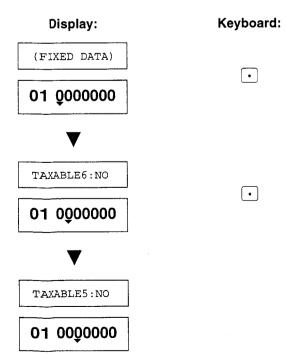
- 1. Press 1 (department 1 key).
- 2. Press ST to skip the alphanumeric character programming.
- 3. Press ST to skip the unit price programming.
- 4. The message, the department code and the parameters appear as follows:



### 5. Move the cursor to go to the target parameter.

To go to the target parameter, move the cursor to the parameter using the following keys:

- •: Moves to the right. When the cursor is at the rightmost parameter, pressing this key moves it to the leftmost parameter.
- (a): Moves to the left. When the cursor is at the leftmost parameter, pressing this key moves it to the rightmost parameter.



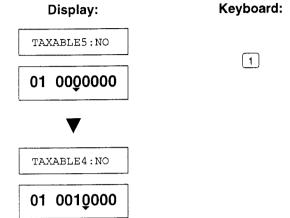
### 6. Enter a value to the parameter.

You can enter a value for a parameter at the cursor position.

There are following two ways to enter a value:

### ■ Enter a value with a numeric key

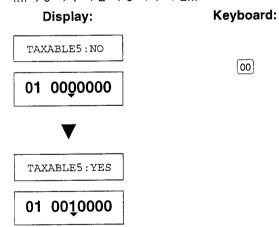
Pressing a numeric key changes the value at the cursor position.



The cursor automatically moves to the right after the number is entered.

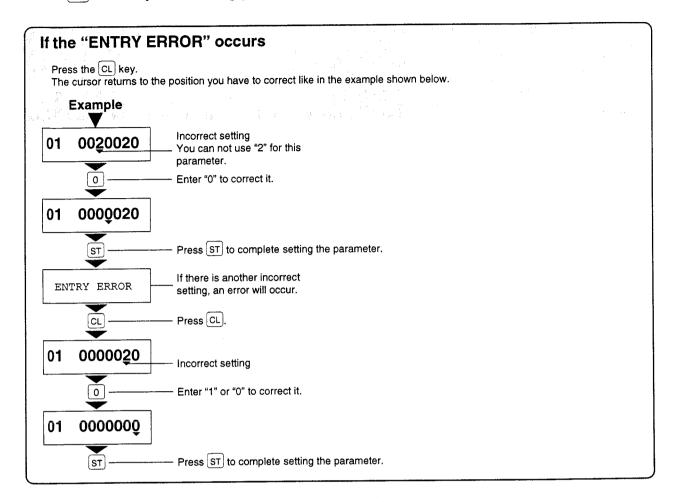
### ■ Toggling between values of a parameter

Pressing the  $\bigcirc 00$  key toggles between the values of a parameter at the cursor position like the following:  $.... \rightarrow 0 \rightarrow 1 \rightarrow 2 \rightarrow 0 \rightarrow 1 \rightarrow 2...$ 



Move the cursor after the desired value appears.

# 7. Press ST to complete setting parameters.



### 8. Select one of the following actions:

- Continue programming of another item for the department 1 key, following the message on the display.
- Press (TL) to finalize the department programming.
- Press another department key to program the corresponding department.

# 3 Flowcharts for Programming Each Item

This section shows flowcharts for programming items, options and parameters which you can program for each key.

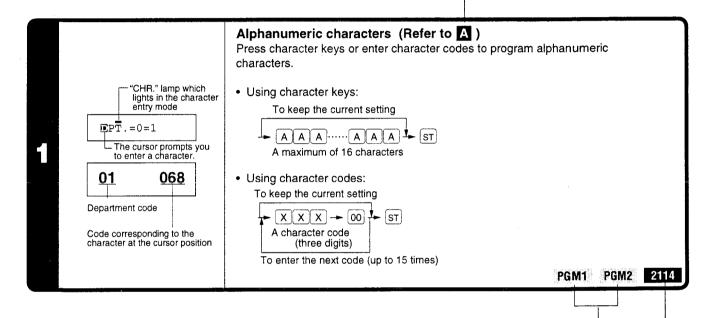
### • Icons in each step

The following figure shows an example step:

This icon shows a pattern for programming.

Use a corresponding pattern ( A , B or C ) described in

" Patterns for programming" in section "2 Basic Instruction".



These icons show that you can do programming of this step in both the "PGM1" and "PGM2" modes.

This icon shows the reference job code for this step.

You will find the same abbreviation on the title of the corresponding part of the ER-A490 instruction manual.

### Department -

The following items are programmable for a department:

Alphanumeric characters ( PGM1 PGM2 ) Unit price ( PGM1 PGM2 )

VAT/TAX ( PGM2 )

Functional programming ( PGM2 )

- Printing on the cashier report Yes/No
- · Validation print compulsory/non-compulsory
- SIF/SICS/Normal
- · Single/double receipt
- Type of unit price entry

HALO (High Amount Lockout) ( PGM2 )

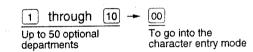
Commission group number ( PGM2 )

Current unit price

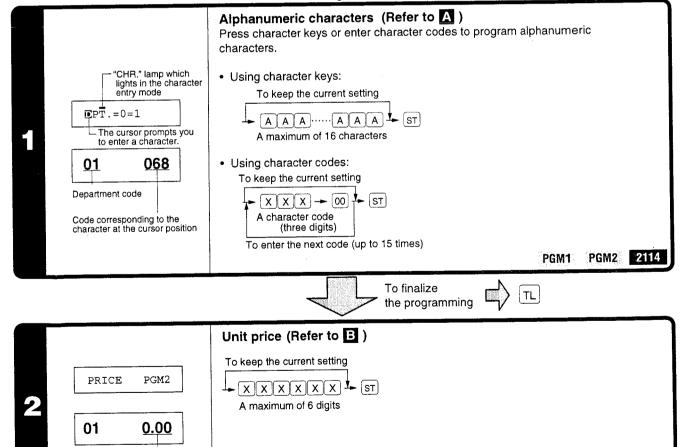
Group number ( PGM2 )

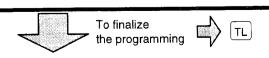
Print station ( PGM2 )

# **START**









PGM2 1110

PGM1

VAT/TAX (Refer to C)

Select a value for each parameter position (A through G), then press [ST].

01	0000	000	00	
		Ę.	G	
	B A			

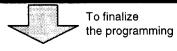
(FIXED DATA)

Parameters	Messages	Contents	Values
A	(FIXED DATA)	Always enter 0.	0
В	TAXABLE6:NO	VAT6/TAX6: No	0
В	TAXABLE6:YES	VAT6/TAX6: Yes	1
	TAXABLE5:NO	VAT5/TAX5: No	0
С	TAXABLE5:YES	VAT5/TAX5: Yes	1
D	TAXABLE4:NO	VAT4/TAX4: No	0
U	TAXABLE4:YES	VAT4/TAX4: Yes	1
E	TAXABLE3:NO	VAT3/TAX3: No	0
E	TAXABLE3:YES	VAT3/TAX3: Yes	1
<b>-</b>	TAXABLE2:NO	VAT2/TAX2: No	0
F	TAXABLE2:YES	VAT2/TAX2: Yes	1
	TAXABLE1:NO	VAT1/TAX1: No	0
G	TAXABLE1:YES	VAT1/TAX1: Yes	1

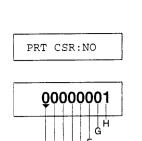
Use the following keys for the programming:

- Moves the cursor to the right parameter.
  S: Moves the cursor to the left parameter.
  Toggles between parameter values.
  A numeric key: Enters a corresponding value.

PGM2 2111







Functional programming (Refer to C)

Select a value for each parameter position (A through H), then press st.

Parameters	Messages	Contents	Values
	PRT CSR:NO	Printing on the cashier report: No	0
Α	PRT CSR:YES	Printing on the cashier report: Yes	1
В	(FIXED DATA)	Always enter 0.	0
	VP COMPL:NO	Item VP non-compulsory	0
С	VP COMPL:YES	Item VP compulsory	1
D and E	(FIXED DATA)	Always enter 0.	0
	NORMAL	Normal	0
F	SICS	SICS	1
	SIF	SIF	2
	SINGLE	Single receipt	0
G	DOUBLE	Double receipt	1
	INHIBITED	Inhibit department entry	0
	OPEN	Open only	1
Н	PRESET	Preset only	2
	OPEN&PREST	Open and preset	3

Use the following keys for the programming:

- • : Moves the cursor to the right parameter.
- (8): Moves the cursor to the left parameter.
- 00: Toggles between parameter values.
  A numeric key: Enters a corresponding value.

PGM2 2110



To finalize the programming

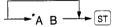


HALO(EXP.)

01 18 Current "HALO" HALO (Refer to B)

You can set upper limit amounts (HALO: High Amount Lockout).

To keep the current setting



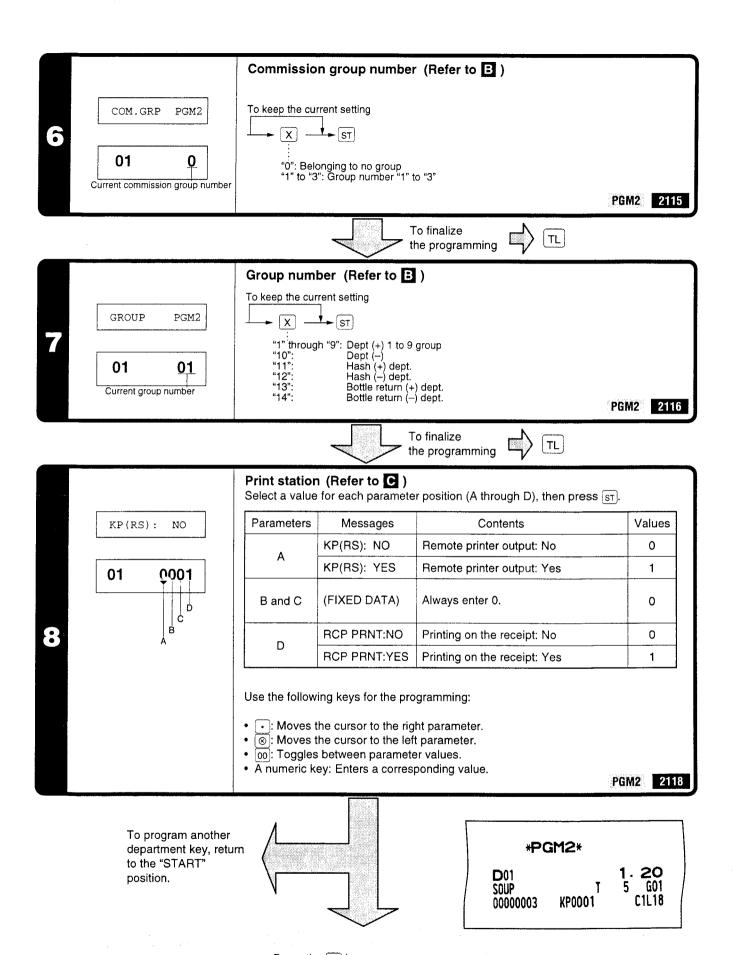
\*AB is the same as A x 10<sup>B</sup>
A: Significant digit (1 through 9)
B: Number of zeros to follow the significant digit (0 through 8)

Example: HALO "16" = 10000.00

PGM2 2112



To finalize the programming



**END** 

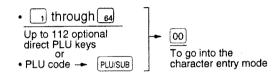
Press the  $\boxed{\text{TL}}$  key. A receipt, which shows information you programmed for the department, will

### ■ PLU-

The following items are programmable for a PLU:

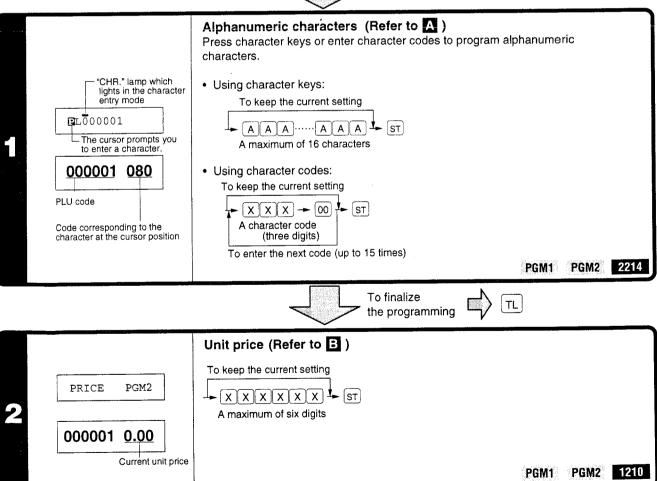
```
Alphanumeric characters ( PGM1 PGM2 )
Unit price ( PGM1 PGM2 )
Base quantity ( PGM1 PGM2 )
Pint price ( PGM1 PGM2 )
Pint quantity ( PGM1 PGM2 )
Associated department ( PGM2 )
Sign and VAT/TAX ( PGM2 )
Mode parameter ( PGM2 )
Commission group number ( PGM2 )
PLU group number ( PGM2 )
Print station ( PGM2 )
```

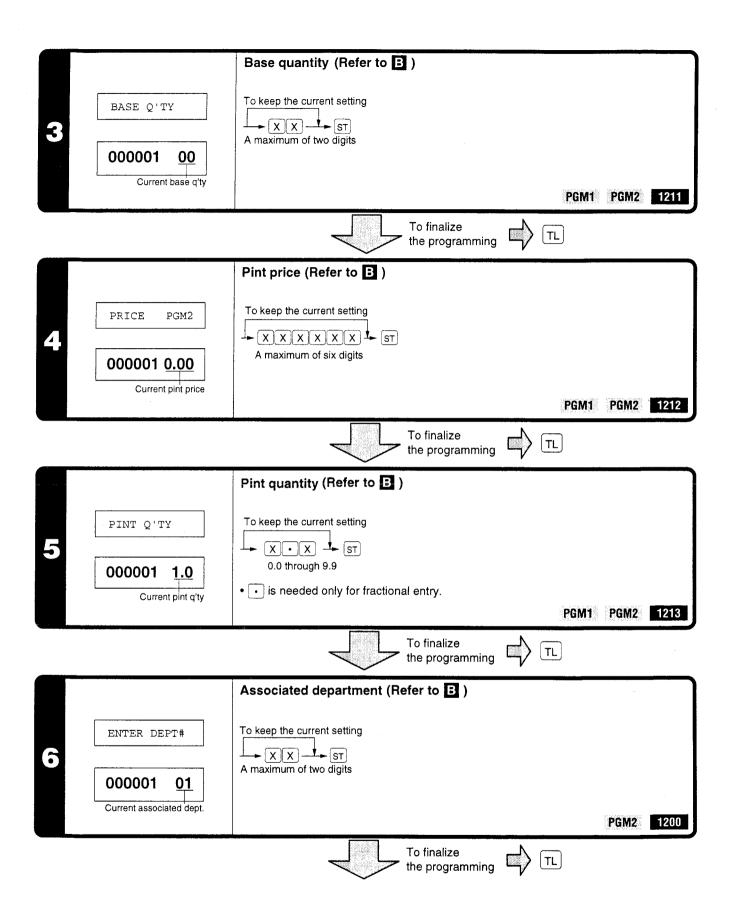
# START

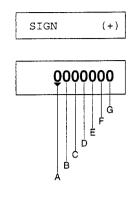


To finalize the programming









### Sign and VAT/TAX (Refer to C)

Select a value for each parameter position (A through G), then press ST.

Parameters	Messages	Contents	Values
_	SIGN (+)	+ sign setting	0
Α	SIGN (-)	- sign setting	1
_	TAXABLE6:NO	VAT6/TAX6: No	0
В	TAXABLE6:YES	VAT6/TAX6: Yes	1
_	TAXABLE5:NO	VAT5/TAX5: No	0
С	TAXABLE5:YES	VAT5/TAX5: Yes	1
	TAXABLE4:NO	VAT4/TAX4: No	0
D	TAXABLE4:YES	VAT4/TAX4: Yes	1
	TAXABLE3:NO	VAT3/TAX3: No	0
E	TAXABLE3:YES	VAT3/TAX3: Yes	1
	TAXABLE2:NO	VAT2/TAX2: No	0
F	TAXABLE2:YES	VAT2/TAX2: Yes	1
	TAXABLE1:NO	VAT1/TAX1: No	0
G	TAXABLE1:YES	VAT1/TAX1: Yes	1

Use the following keys for the programming:

- : Moves the cursor to the right parameter.
- 🔞: Moves the cursor to the left parameter.
- 00: Toggles between parameter values.
- A numeric key: Enters a corresponding value.

PGM2 2211



To finalize the programming



PRESET PGM2

000001

### Mode parameter (Refer to C)

Select a value for the parameter position (A), then press [ST].

Parameter	Messages	Contents	Values
	INHIBITED	Inhibit PLU/subdept.	0
	OPEN	"Subdept." mode	1
Α	PRESET	"PLU" mode	2
	OPEN & PREST	"PLU/subdept." mode	3
	DELETE	Delete mode	4

Use the following keys for the programming:

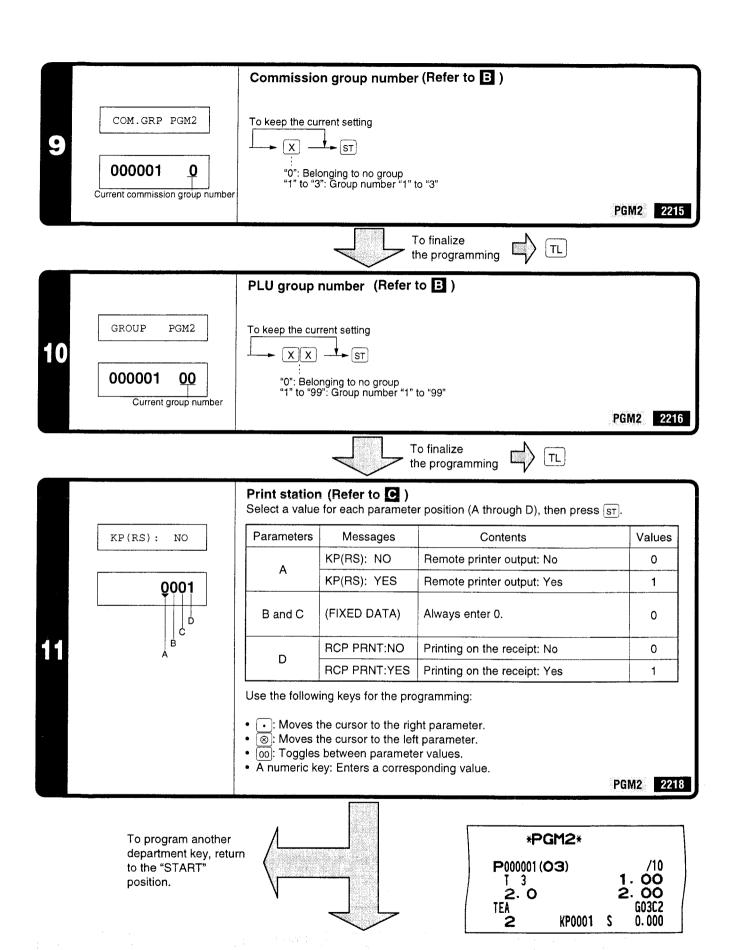
- 00: Toggles between parameter values.
- A numeric key: Enters a corresponding value.

PGM2 2210



To finalize the programming

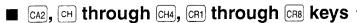




**END** 

Press the TL key.

A receipt, which shows information you programmed for the PLU, will be issued.



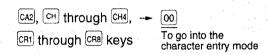
The following items are programmable for the CA2, CH through CH4, CR1 through CR8 keys:

# Alphanumeric characters ( PGM1 PGM2 ) HALO ( PGM2 )

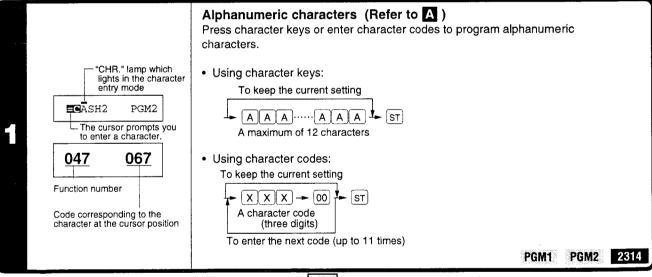
### Functional programming ( PGM2 )

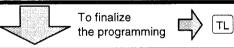
- EFT transaction compulsory/non-compulsory
- · Slip printing compulsory/non-compulsory
- Footer printing No/Yes
- Non-add code entry compulsory/non-compulsory
- · Change enable/disable
- Validation printing compulsory/non-compulsory
- Opening the drawer Yes/No
- Amount tendered compulsory/non-compulsory/inhibited

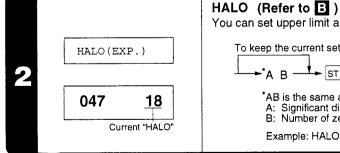
# **START**

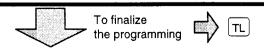


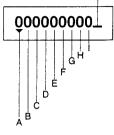




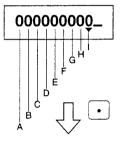




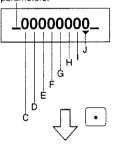


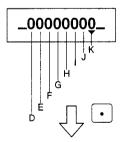


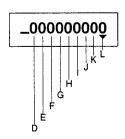
When the cursor is under the "I" parameter



This bar shows that there are some previous parameters.







Functional programming (Refer to C)

Select a value for each parameter position (A through L), then press ST.

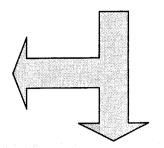
Parameters	Messages	Contents	Values
Α	EFT NONCMPL	EFT non-compulsory	0
A	EFT CMPL	EFT compulsory	1
В	SLIP NONCMPL	Slip printing non-compulsory	0
D	SLIP CMPL	Slip printing compulsory	1
С	FOOTER :NO	Footer printing: No	0
	FOOTER :YES	Footer printing: Yes	1
D	#NONCMPL	Non-add code non-compulsory	0
υ 	#CMPL	Non-add code compulsory	1
E	DUE ENABLE	Change enable	0
<u> </u>	DUE DISABLE	Change disable	1
F	VP COMPL:NO	Validation print non-compulsory	0
Г	VP COMPL:YES	Validation print compulsory	1
G to J	(FIXED DATA)	Always enter 0.	0
1/	DRW OPEN:YES	Opening the drawer: Yes	0
К	DRW OPEN:NO	Opening the drawer: No	1
	TND INH.	Inhibit amount tendered	0
L	TND CMPL:NO	Non-compulsory amount tendered	0
	TND CMPL:YES	Compulsory amount tendered	1

Use the following keys for the programming:

- Moves the cursor to the right parameter.
   S: Moves the cursor to the left parameter.
   Oo: Toggles between parameter values.
   A numeric key: Enters a corresponding value.

PGM2 2320

To program another key, return to the "START" position.



\*PGM2\*
F047 CA2 L16
001000000001

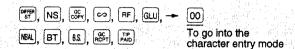
END

Press the  $\boxed{\pi}$  key. A receipt, which shows information you programmed for the corresponding key, will be issued.

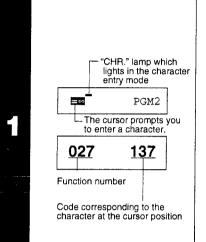
FER NS, GC COPY, CO, RF, GLU, NBA, BT, BS, GC, FIP RAD Keys

Alphanumeric characters ( PGM1 PGM2 )

# **START**



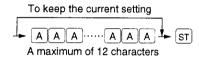




### Alphanumeric characters (Refer to A)

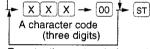
Press character keys or enter character codes to program alphanumeric characters.

· Using character keys:



· Using character codes:

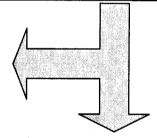
To keep the current setting



To enter the next code (up to 11 times)

PGM1 PGM2 2314

To program another key, return to the "START" position.



\*PGM2\*

FO27 VOID

**END** 

Press the TL key.

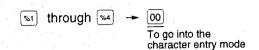
A receipt, which shows information you programmed for the corresponding key, will be issued.

### **■** %1 through %4 keys -

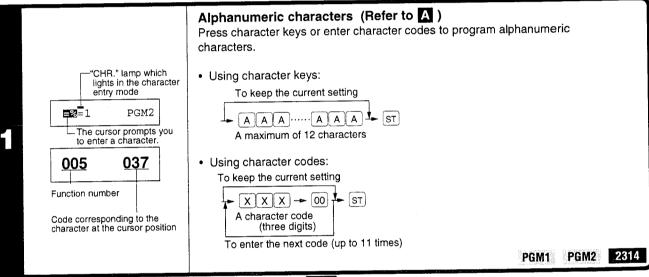
The following items are programmable for the 😘 through 😘 keys:

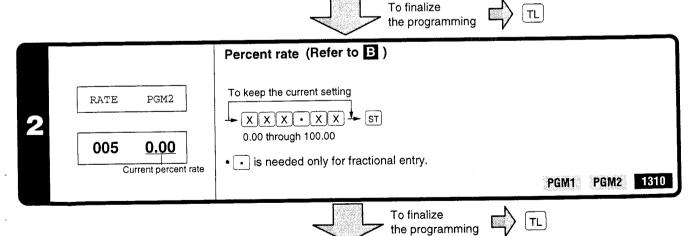
```
Alphanumeric characters ( PGM1 PGM2 )
Rate ( PGM1 PGM2 )
Sign +/- ( PGM2 )
Percentage limit ( PGM2 )
Item % / subtotal % / RA discount ( PGM2 )
```

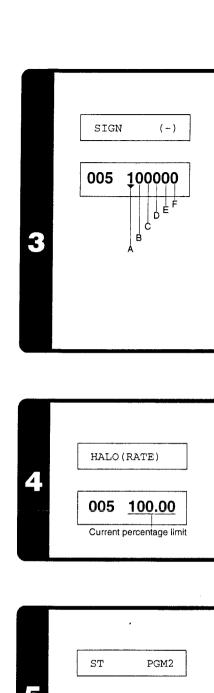
# **START**













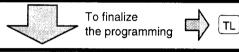
Select a value for each parameter position (A through F), then press ST.

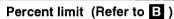
Parameters	Messages	Contents	Values
Δ.	SIGN (+)	Plus (+) sign setting	0
Α	SIGN (-)	Minus (-) sign setting	1
B to F	(FIXED DATA)	Always enter 0.	0

Use the following keys for the programming:

- : Moves the cursor to the right parameter.
- S: Moves the cursor to the left parameter.
- 00: Toggles between parameter values.
- A numeric key: Enters a corresponding value.

PGM2 2311





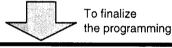
Enter a rate as the percentage limit with numeric keys, then press ST.

To keep the current setting XXXXXX

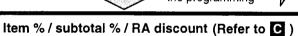
0.00 through 100.00

• • is needed only for fractional entry.

PGM2 2313



Select a value for the parameter position (A), then press [ST].



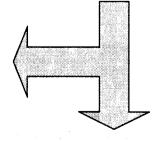
Parameter	Messages	Contents	Values
	ST	Subtotal %	0
Α	ITEM	Item %	1
	RA	RA discount	2

Use the following keys for the programming:

- 00: Toggles between parameter values.
- A numeric key: Enters a corresponding value.

PGM2 2315

To program another percent key, return to the "START" position.



\*PGM2\* -10.00% L 90.00%

TL

005

Press the TL key.

A receipt, which shows information you programmed for the percent key, will be issued.

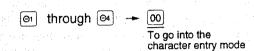
### ■ on through equal through through equal thr

The following items are programmable for the 🖭 through 🖭 keys:

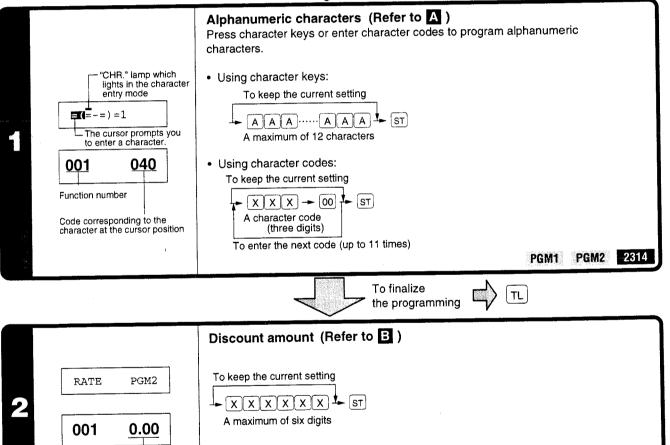
```
Alphanumeric characters ( PGM1 PGM2 )
Discount amount ( PGM1 PGM2 )
Sign +/- ( PGM2 )
HALO ( PGM2 )
Item (-) / subtotal (-) / RA discount ( PGM2 )
```

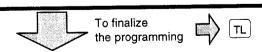
Current discount amount

# **START**

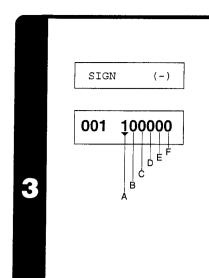








PGM1 PGM2 1310



### Sign (Refer to C)

Select a value for each parameter position (A through F), then press ST.

Parameters	Messages	Contents	Values
Λ	SIGN (+)	Plus (+) sign setting	0
Α	SIGN (-)	Minus (-) sign setting	1
B to F	(FIXED DATA)	Always enter 0.	0

Use the following keys for the programming:

- • : Moves the cursor to the right parameter.
- 🔞: Moves the cursor to the left parameter.
- 00: Toggles between parameter values.
- A numeric key: Enters a corresponding value.

PGM2 2311



To finalize the programming



HALO(EXP.)

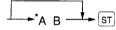
001 18

Current "HALO"

HALO (Refer to B)

You can set upper limit amounts (HALO: High Amount Lockout).

To keep the current setting



\*AB is the same as A x 10<sup>B</sup>
A: Significant digit (1 through 9)
B: Number of zeros to follow the significant digit (0 through 8)

Example: HALO "16" = 10000.00

PGM2 2312



To finalize





the programming

# 

Select a value for the parameter position (A), then press ST.

001 0	ST	PGM2
	001	Q

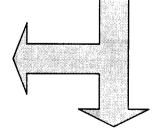
Parameter	Messages	Contents	Values
	ST	Subtotal —	0
Α	ITEM	Item —	1
	RA	RA discount	2

Use the following keys for the programming:

- 00: Toggles between parameter values.
- · A numeric key: Enters a corresponding value.

PGM2 2316

To program another minus key, return to the "START" position.



-10.00

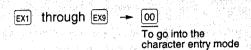
Press the TL key.

A receipt, which shows information you programmed for the minus key, will be issued.

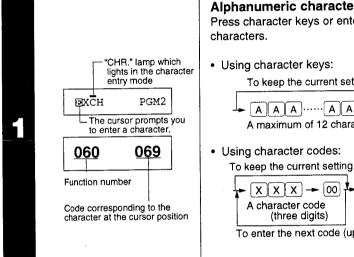
### **■** EX1 through EX9 keys

The following items are programmable for the EXI through EX9 keys:

Alphanumeric characters ( PGM1 PGM2 ) Exchange rate ( PGM1 PGM2 ) Currency description ( PGM1 PGM2 )

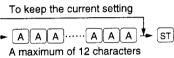




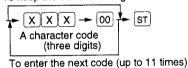


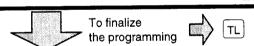
Alphanumeric characters (Refer to A) Press character keys or enter character codes to program alphanumeric

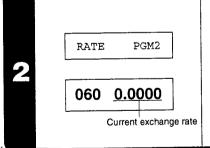
· Using character keys:



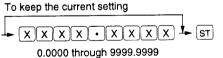
• Using character codes:



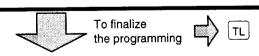




Exchange rate (Refer to B)



• • is needed only for fractional entry.

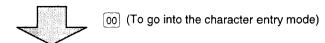


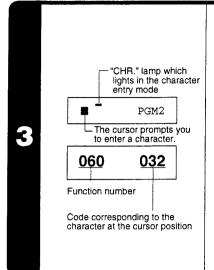
PGM2 2314

PGM2 1310

PGM1

PGM1

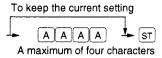




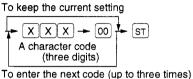
### Currency description (Refer to A)

Press character keys or enter character codes to program alphanumeric characters.

· Using character keys:

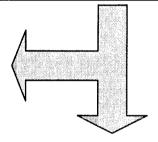


· Using character codes:



PGM1 PGM2 2324

To program another exchange key, return to the "START" position.



\*PGM2\*

F060 EXCH1

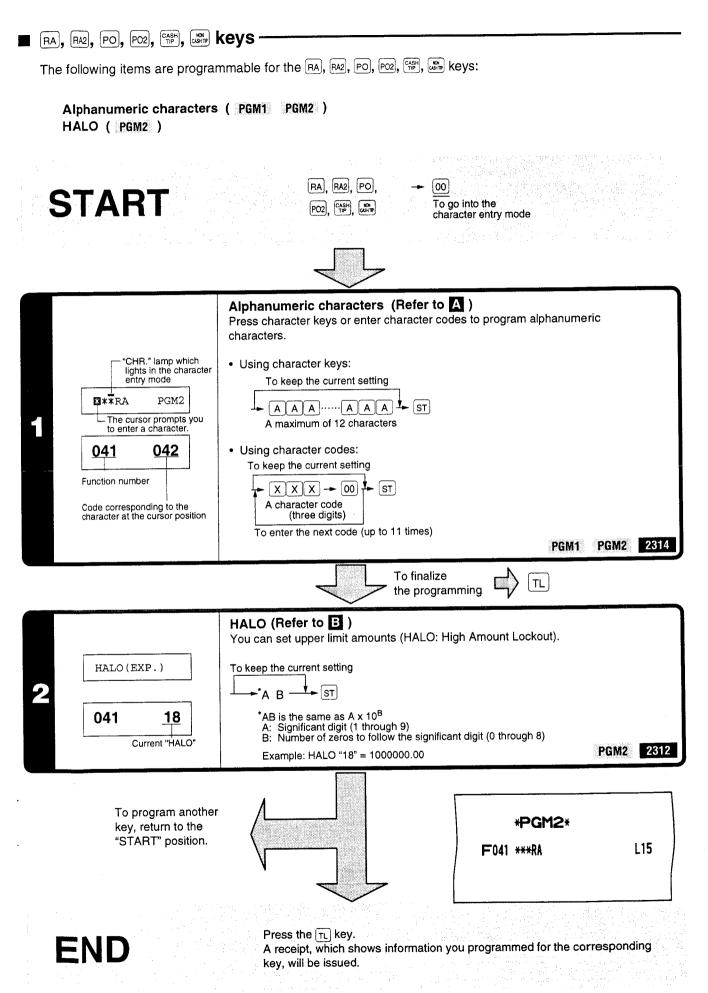
US\$

0.6068

**END** 

Press the TL key.

A receipt, which shows information you programmed for the exchange key, will be issued.



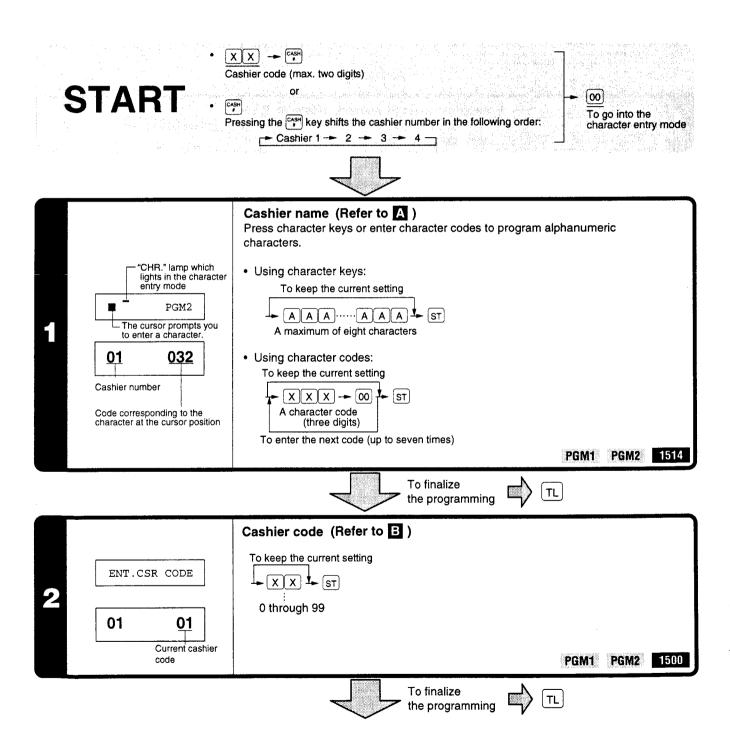
### Cashiers

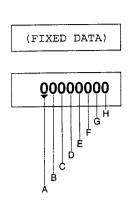
The following items are programmable for cashiers:

Cashier name ( PGM1 PGM2 )
Cashier code ( PGM1 PGM2 )

Functional programming ( PGM2 )

- GLU/PBLU compulsory/non-compulsory
- · Guest check copy disable/enable
- VAT shift disable/enable
- · Drawer number





### Functional programming (Refer to C)

Select a value for each parameter position (A through H), then press ST.

Parameters	Messages	Contents	Values
A and B	(FIXED DATA)	Always enter 0.	0
_	GLU NONCMPL	GLU/PBLU non-compulsory	0
С	GLU CMPL	GLU/PBLU compulsory	1
_	G.C COPY YES	Enable guest check copy	0
D	G.C COPY NO	Disable guest check copy	1
_	VAT SFT NOT	Disable VAT shift	0
E	VAT SFT STAT	Enable VAT shift	1
F and G	(FIXED DATA)	Always enter 0.	0
	ELT DOWN	Use no drawer	0
H	ENT.DRW#	Drawer number 1 or 2	1 or 2

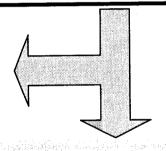
Use the following keys for the programming:

- Moves the cursor to the right parameter.
  Moves the cursor to the left parameter.
  Toggles between parameter values.

- A numeric key: Enters a corresponding value.

PGM2 2510

To program another cashier, return to the "START" position.



\*PGM2\*

01CSR#1 1

HIKE 0000000D1



Press the TL key.

A receipt, which shows information you programmed for the cashier, will be issued.



The following items are programmable for the VAT key:

Tax rate ( PGM2 ) Lowest taxable amount ( PGM2 )

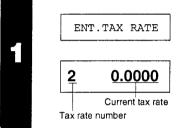
# STAR

Pressing the VAT key shifts the tax rate number to program like this:

To finalize

► Taxable 1 - 2 - 3 - 4 - 5 - 6 -





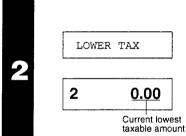
Tax rate (Refer to B)

To keep the current setting XXXXXX

0.0001 through 99.9999

• • is needed only for fractional entry.

TL the programming



Lowest taxable amount (Refer to B)

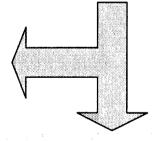
To keep the current setting

XXXXX A maximum of five digits

PGM2 2711

PGM2 2711

To program another tax rate, return to the "START" position.



\*PGM2\*

TAX2

4. 0000%

**END** 

Press the TL key.

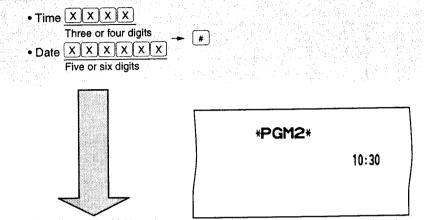
A receipt, which shows information you programmed for the tax rate, will be issued.

### ■ Time or date -

The following items are programmable with the sequence below :

Time ( PGM1 PGM2 2611 )
Date ( PGM1 PGM2 2610 )

# **START**



END

A receipt, which shows the time or date you programmed, will be issued.

# ■ Worksheets for programming

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Dept.	Alphanumeric		_						-											
	Alphanumeric		Tax status	ST					Functions										Print station	
~	characters (max. 16 characters)	Unit price (max. 6 digits)	Тахб	5 Tax5	5 Tax4	Тах3	Tax2	Tax1	Printing on the cashier report	Validation printing	ion J	SIC	SIF/ SICS/ Normal ty	Receipt type	Entry type	HALO	Commission group (0 - 3)	Group (1 - 14)	Printing on remote printer	Printing on the receipt
		3	0 No 0	O No O	0 N	0 % C	0 N O	° <b>⟩</b>	0 oN	0 Non-coi	Non-compulsory 0	0 0 Norma	2 7	Single 0 Inhibit	Open 1	17	1	W	0 0 0 0 0	0 ON 0
	20ar	20	Yes 1		Yes 1 Yes 1	1 Yes 1	1 Yes 1	Yes 1	Yes 1	Compulsory	lsory 1	쭚	~	Double 1 Preset Open preset	Preset 2 Open & / 3 preset	· · ·			Yes 1	K es
			0 No (	0 No (	0 No 0	0 oN C	0 ON 0	No O	0 oN	0 Non-cor	Non-compulsory 0	0 0 Norm	a -	Single 0 fr	0 Inhibit 0 Open 1				0 ON	0 ON 0
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			0 No	0 N 0	0 ON: 0	<u>2</u>	0 NO 0	O ON	0 oN	0 Non-coi	Non-compulsory 0	0 0 Norma	<u></u>	Single 0 II	0 inhibit 0				0 0 ON	0 No 0
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